

Situation of the LTT experiment

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The Laser Time Transfer (LTT) payload onboard the Chinese experimental navigation satellite Compass M1 was launched on April 13, 2007. The payload includes a single photon detector, a timer, DSP, interface and power supplies. The LTT experiment between the ground and the LTT payload has been done at Changchun SLR station since July 2007. The instrument and time comparison method are introduced. The preliminary results are also presented.